

Air Mail

YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

June 9, 1950

Dr. Joshua Lederberg
Genetics Department
University of Wisconsin
Madison, Wisconsin

Dear Josh:

Could you send me a culture of your strain #58-278? This strain is the biotin-phenylalanine strain. Treffers has been using this strain investigating resistance to various drugs and the various mutants ~~on~~ which he has tried this have behaved in an anomalous fashion. It shows very high mutation rates to Streptomycin resistance and Treffers has found that the strain I furnished him when plated out on a complete medium gave rise to two types of colonies, large colonies and small colonies. The large colonies are biotin-phenylalanineless and the small ones require neither biotin nor phenylalanine but do require norvaline. We thought it might be desirable to check a few independent cultures of this and I am writing to both you and Ed in the hopes of getting your transfers of the stock of this strain.

Best regards,

As ever,



David M. Bonner
Associate Professor of Microbiology